



DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO

GOVERNOR

MIKE D. McDANIEL, Ph.D.

SECRETARY

FedEx

Activity No.: PER19960001

Agency Interest No. 1329

Mr. Fred Goodrow
Environmental Q&A Manager
American Sugar Refining Inc.
7417 N Peters St
Arabi, LA 70032

RE: Part 70 Operating Permit, Chalmette Cane Sugar Refinery, American Sugar Refining Inc.
Arabi, St. Bernard Parish, Louisiana

Dear Mr. Goodrow:

This is to inform you that the permit for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the ____ of _____, 2011, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2006.

Permit No.: 2500-00009-V0

Sincerely,

Chuck Carr Brown Ph.D.
Assistant Secretary
CCB:amd
c: EPA Region VI

ENVIRONMENTAL SERVICES
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AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Chalmette Cane Sugar Refinery
Agency Interest No.: 1329
American Sugar Refining Inc.
Arabi, St. Bernard Parish, Louisiana

I. Background

American Sugar Refining Inc., Chalmette Cane Sugar Refinery, has been in operation since 1909. The facility has operated under the names of Amstar Sugar Corporation, Domino Sugar Corporation and Tate and Lyle North American Sugars, Inc. The facility presently operates under State Permit No. 2500-00009-03 which was granted June 9, 1995 and Small Source Permit No. 2738 issued August 3, 2001.

This facility was first permitted in September 1974 for a fuel oil conversion. Fuel oil was to be used instead of natural gas during times of natural gas curtailment. Five high pressure boilers, two low pressure boilers, and nineteen retort type kilns were to be fired with No. 6 fuel oil as needed. The construction of two 15,000 bbl fuel oil storage tanks was approved separately in August of 1974.

Permit 2500-00009-02 was issued February 7, 1994 for the installation of dust collection equipment in the Filter House to capture bone char dust from the conveyor system. The final modification in 1995 added lime storage silos to the facility, and the small source permit was to allow the usage of railcars at the cornstarch loading facility.

This is the initial Part 70 operating permit for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by American Sugar Refining Inc. on October 15, 1996 requesting a Part 70 operating permit. Additional information dated March 6, 1997, July 14, 1999, August 3, 1999, and August 8, 2005 were also received.

III. Description

The Chalmette Cane Sugar Refinery currently produces refined granulated sugar, confectionery sugar, blackstrap molasses, and several specialty products. Raw cane sugar is received by ship, barge, truck, and rail and is stored in sheds until processed. The raw sugar is refined through the processes of affination, carbonation, press filtration, bone char defecation, crystallization, and centrifugation. The drying operation consists of countercurrent flows of hot air and sugar, creating dust which is recovered by cyclone gravimetric separation and wet scrubbing.

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In the production of powdered sugars, granulated sugar is pulverized along with cornstarch (or, in the case of a specialty product, malto-dextrin) in a rotary mill. The product is collected in a modified baghouse which acts not only to collect product but as a control device as well.

Other existing control features include wet scrubbers for the control of particulate in the form of sugar dust. All but one of the scrubbers (from the 1991 modification) shall have an efficiency of at least 99.8%. The fifth scrubber, a beater rotocclone (Emission Point 45-89) shall be at least 98% efficient. Emission Point 46-89 (a rotocclone replaced in 1991) shall be at least 98% efficient. All the wet scrubbers added in 1995, Emission Points 050-95, 051-95, 052-95, 053-95 and 054-95, shall be at least 95% efficient. The gravity collector, Emission Point 056-95, and fabric filter, Emission Point 055-95, shall be at least 95% efficient. The emissions from the hydrochloric acid tanks, Emission Points 057-95 and 058-95, shall be controlled with wet limestone injection having an efficiency of at least 90%. Emissions from the phosphoric acid tank and the aqua ammonia tank, Emission points 059-95 and 060-95, are sent to the aeration basin in the waste water treatment plant. This process has a controlled efficiency of at least 90%. The change in emissions reflected below is due to updated emission factors and the elimination of fuel oil combustion. This refinery was previously permitted to burn fuel oil as well as natural gas.

Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	236.36	242.19	+5.83
SO ₂	960.1	1.19	-958.91
NO _x	480.4	227.6	-252.80
CO	43.7	99.33	+55.63
VOC	2.8	12.01	+9.21
Ammonia	not reported	0.04	+0.04
Hydrochloric Acid	not reported	0.006	+0.006

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IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70 and the Louisiana Air Quality Regulations. Prevention of Significant Deterioration (PSD), New Source Performance Standards (NSPS) and National Emission Standards for Hazardous Air Pollutants (NESHAP) do not apply.

This facility is a minor source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

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VII. Effects on Ambient Air

Dispersion Model(s) Used: ISCST3 (Screen)

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS})
PM ₁₀	Annual	15.25 µg/m ³	50µg/m ³
PM ₁₀	24 hr	147.177 µg/m ³	150 µg/m ³

VIII. General Condition XVII Activities

No activities submitted with permit application.

IX. Insignificant Activities

ID No.:	Description	Citation
	Lawn maintenance	LAC 33:III.501.B.5.B.1
	Blackstrap molasses tank	LAC 33:III.501.B.5.A.10
	Fuel oil tanks	LAC 33:III.501.B.5.A.3
	Lime receiving and silo vent	LAC 33:III.501.B.5.B.40
	Bulk sugar car washing	LAC 33:III.501.B.5.B.3
	Calcium carbonate hauling	LAC 33:III.501.B.5.B.40
	Diesel fire pump testing	LAC 33:III.501.B.5.B.41
	Lab hoods	LAC 33:III.501.B.5.A.6
	Liquid lime tanks	LAC 33:III.501.B.5.B.40
	Polymer addition sites for drinking water and WWTP	LAC 33:III.501.B.5.B.8
EQT 74	Phosphoric acid tank	LAC 33:III.501.B.5.A.4
	Raw sugar discharge at dock	LAC 33:III.501.B.5.B.1

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Chalmette Cane Sugar Refinery
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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No:	Description	LAC 33:III. Chapter						
		5*	9	11	13	15	2103	51
	Entire Facility	1	1					2
EQT 1	001-74 - #7 Boiler			1		1	1	1
EQT 2	002-74 - #1 Boiler			1	1	1	1	1
EQT 7	005-74A - Char Kiln North (Kiln 6)				1			
EQT 8	005-74B - Char Kiln North (Kiln 7)				1			
EQT 9	005-74C - Char Kiln North (Kiln 8)				1			
EQT 10	005-74D - Char Kiln North (Kiln 13)					1		
EQT 11	005-74E - Char Kiln North (Kiln 14)					1		
EQT 12	005-74F - Char Kiln North (Kiln 15)					1		
EQT 13	006-74A - Char Kiln South (Kiln 16)					1		
EQT 14	006-74B - Char Kiln South (Kiln 17)					1		
EQT 15	006-74C - Char Kiln South (Kiln 18)					1		
EQT 16	006-74D - Char Kiln South (Kiln 22)					1		
EQT 17	006-74E - Char Kiln South (Kiln 23)					1		
EQT 18	006-74F - Char Kiln South (Kiln 24)					1		
EQT 19	006-74G - Char Kiln South (Kiln 33)					1		
EQT 20	006-74H - Char Kiln South (Kiln 34)					1		
EQT 21	006-74I - Char Kiln South (Kiln 35)					1		
EQT 22	006-74J - Char Kiln South (Kiln 36)					1		
EQT 23	006-74K - Char Kiln South (Kiln 37)					1		
EQT 24	006-74L - Char Kiln South (Kiln 38)					1		
EQT 25	007-74 - Fuel Oil Storage Tank North						3	

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No:	Description	LAC 33:III. Chapter								
		5*	9	11	13	15	2103	51	56	59
EQT 26	008-74 - Fuel Oil Storage Tank South							3		
EQT 29	010-74 - Silo Rotoclane							1		
EQT 30	010A-74 - Auxillary Silo Rotoclane							1		
EQT 31	011-74 - Aeration Bin Rotoclane							1		
EQT 32	012-74 - Starch Delivery Exhaust							1		
EQT 33	013-74 - #1 Micro Mill Exhaust							1		
EQT 34	014-74 - #2 Micro Mill Exhaust							1		
EQT 35	015-74 - #3 Micro Mill Exhaust							1		
EQT 36	016-74 - #4 ACM Mill Exhaust							1		
EQT 37	017-74 - #5 ACM Mill Exhaust							1		
EQT 38	021-74 - #1 Granulator Rotoclane							1		
EQT 39	022-74 - #2 Granulator Rotoclane							1		
EQT 40	023-74 - #3 Granulator Rotoclane							1		
EQT 41	024-74 - #4 Granulator Rotoclane							1		
EQT 42	025-75 - #5 Granulator Rotoclane							1		
EQT 43	026-74 - Brilliant Granulator Rotoclane							1		
EQT 44	027-74 - DE-1B Elevator Rotoclane							1		
EQT 45	028-74 - Char Dust Collector #1							1		
EQT 46	029-74 - Char Dust Collector #2							1		
EQT 47	030-81 - 3rd Floor P.C. Rotoclane							1		
EQT 48	031-81 - East AC Room Rotoclane							1		
EQT 49	032-81 - West AC Room Rotoclane							1		
EQT 50	033-81 - A Set Cyclone Separator							1		

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No:	Description	LAC 33:III. Chapter								
		5*	9	11	13	15	2103	51	56	59
EQT 51	034-81 - Bag Starch Filter Exhaust							1		
EQT 52	035-81 - Diesel Storage Tank							1		
EQT 53	037-81 - Liquid SugarCarbon Scrubber							1		
EQT 54	038-87 - #6 ACM Mill Exhaust – 6x							1		
EQT 55	040-87 - Malto Dextrin Delivery Exhaust							1		
EQT 56	041-89 - Wet Scrubber for Dryer No. 1 (DWS-1)							1		
EQT 57	042-89 - Wet Scrubber for Dryer No. 2 (DWS-2)							1		
EQT 58	043-89 - Wet Scrubber for Cooler (CWS-3)							1		
EQT 59	044-89 - Wet Scrubber for Nuisance Dust Collector (WS-4)							1		
EQT 60	045-89 - Beater Rotoclone (BR-1)							1		
EQT 61	046-89 - S/E PC Rotoclone							1		
EQT 72	057-95 - Hydrochloric Acid Tank (Water Plant)									
EQT 73	058-95 - Hydrochloric Acid Tank (Liquid Sugar)									
EQT 74	059-95 - Phosphoric Acid Tank									
EQT 75	060-95 - Aqua Ammonia Tank									
EQT 76	003-74-1 - High Pressure Boiler 1									
EQT 77	003-74-2 - High Pressure Boiler 2									
EQT 78	003-74-3 - High Pressure Boiler 3									
EQT 79	003-74-4 - High Pressure Boiler 4									
EQT 80	003-74-5 - High Pressure Boiler 5									
EQT 81	003-74-A - Tank 304 A									
EQT 82	003-74-B - Tank 304 B									
EQT 83	003-74-C - Tank 305									

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X. **Table 1. Applicable Louisiana and Federal Air Quality Requirements**

ID No:	Description	LAC 33:III. Chapter							
		5*	9	11	13	15	2103	51	56
EQT 84	039-87 - #6 ACM Mill Exhaust - s&m				1				
FUG 1	061-95 - Fugitive Emissions (Bone Char Conveyor and Elevator)				1				
RLP 5	005-74 - Char Kiln North (Common Stack)			1					
RLP 6	006-74 - Char Kiln South (Common Stack)			1					
RLP 7	003-74 - High Pressure Boilers			1					

* The regulations indicated above are State Only regulations except for LAC 33:III.501.C.6 Limitations that specifically state that the regulation is Federally Enforceable.

KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.
- 3 - Blank – The regulations clearly do not apply to this type of emission source.

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XI. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No:	Description	40 CFR 60 NSPS						40 CFR	
		A	D	Db	K	Kb	68	82	
EQT 1	Entire Facility						3	3	
EQT 2	001-74 - #7 Boiler						3	3	
EQT 3	002-74 - #1 Boiler						3	3	
EQT 4	005-74A - Char Kiln North (Kiln 6)								
EQT 5	005-74B - Char Kiln North (Kiln 7)								
EQT 6	005-74C - Char Kiln North (Kiln 8)								
EQT 7	005-74D - Char Kiln North (Kiln 13)								
EQT 8	005-74E - Char Kiln North (Kiln 14)								
EQT 9	005-74F - Char Kiln North (Kiln 15)								
EQT 10	006-74A - Char Kiln South (Kiln 16)								
EQT 11	006-74B - Char Kiln South (Kiln 17)								
EQT 12	006-74C - Char Kiln South (Kiln 18)								
EQT 13	006-74D - Char Kiln South (Kiln 22)								
EQT 14	006-74E - Char Kiln South (Kiln 23)								
EQT 15	006-74F - Char Kiln South (Kiln 24)								
EQT 16	006-74G - Char Kiln South (Kiln 33)								
EQT 17	006-74H - Char Kiln South (Kiln 34)								
EQT 18	006-74I - Char Kiln South (Kiln 35)								
EQT 19	006-74J - Char Kiln South (Kiln 36)								
EQT 20	006-74K - Char Kiln South (Kiln 37)								
EQT 21	006-74L - Char Kiln South (Kiln 38)								
EQT 22	007-74 - Fuel Oil Storage Tank North						3	3	
EQT 23	008-74 - Fuel Oil Storage Tank South						3	3	

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ID No:	Description	40 CFR 60 NSPS				40 CFR	
		A	D	Db	K	Kb	68
EQT 29	010-74 - Silo Rotoclane						82
EQT 30	010A-74 - Auxiliary Silo Rotoclane						
EQT 31	011-74 - Aeration Bin Rotoclane						
EQT 32	012-74 - Starch Delivery Exhaust						
EQT 33	013-74 - #1 Micro Mill Exhaust						
EQT 34	014-74 - #2 Micro Mill Exhaust						
EQT 35	015-74 - #3 Micro Mill Exhaust						
EQT 36	016-74 - #4 ACM Mill Exhaust						
EQT 37	017-74 - #5 ACM Mill Exhaust						
EQT 38	021-74 - #1 Granulator Rotoclane						
EQT 39	022-74 - #2 Granulator Rotoclane						
EQT 40	023-74 - #3 Granulator Rotoclane						
EQT 41	024-74 - #4 Granulator Rotoclane						
EQT 42	025-75 - #5 Granulator Rotoclane						
EQT 43	026-74 - Brilliant Granulator Rotoclane						
EQT 44	027-74 - DE-1B Elevator Rotoclane						
EQT 45	028-74 - Char Dust Collector #1						
EQT 46	029-74 - Char Dust Collector #2						
EQT 47	030-81 - 3rd Floor P.C. Rotoclane						
EQT 48	031-81 - East AC Room Rotoclane						
EQT 49	032-81 - West AC Room Rotoclane						
EQT 50	033-81 - A Set Cyclone Separator						
EQT 51	034-81 - Bag Starch Filter Exhaust						
EQT 52	035-81 - Diesel Storage Tank						3
EQT 53	037-81 - Liquid SugarCarbon Scrubber						

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ID No:	Description	40 CFR 60 NSPS			40 CFR			
		A	D	Db	K	Kb	68	82
EQT 54	038-87 - #6 ACM Mill Exhaust - 6x							
EQT 55	040-87 - Malto Dextrin Delivery Exhaust							
EQT 56	041-89 - Wet Scrubber for Dryer No. 1 (DWS-1)							
EQT 57	042-89 - Wet Scrubber for Dryer No. 2 (DWS-2)							
EQT 58	043-89 - Wet Scrubber for Cooler (CWS-3)							
EQT 59	044-89 - Wet Scrubber for Nuisance Dust Collector (WS-4)							
EQT 60	045-89 - Beater Rotoclone (BR-1)							
EQT 61	046-89 - S/E PC Rotoclone							
EQT 72	057-95 - Hydrochloric Acid Tank (Water Plant)							
EQT 73	058-95 - Hydrochloric Acid Tank (Liquid Sugar)							
EQT 74	059-95 - Phosphoric Acid Tank							3
EQT 75	060-95 - Aqua Ammonia Tank							3
EQT 76	003-74-1 - High Pressure Boiler 1							3
EQT 77	003-74-2 - High Pressure Boiler 2							3
EQT 78	003-74-3 - High Pressure Boiler 3							3
EQT 79	003-74-4 - High Pressure Boiler 4							3
EQT 80	003-74-5 - High Pressure Boiler 5							3
EQT 81	003-74-A - Tank 304 A							3
EQT 82	003-74-B - Tank 304 B							3
EQT 83	003-74-C - Tank 305							3
EQT 84	038-87 - #6 ACM Mill Exhaust - s&m							
FUG 1	061-95 - Fugitive Emissions (Bone Char Conveyor and Elevator)							
RLP 5	005-74 - Char Kiln North (Common Stack)							
RLP 6	006-74 - Char Kiln South (Common Stack)							
RLP 7	003-74 - High Pressure Boilers							

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KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
	Comprehensive Toxic Air Pollutant Emissions Control Program. [LAC 33:III. Chapter 51]	EXEMPT. The facility is not a major source for Toxic Air Pollutants as defined in LAC 33:III.5103.
Entire Facility	Chemical Accident Prevention Provisions [40 CFR 68] Chemical Accident Prevention and Minimization of Consequences [LAC 33:III. Chapter 59]	EXEMPT. This facility emits below the threshold quantities used to trigger this subpart.
	Protection of Stratospheric Ozone [40 CFR 82]	EXEMPT. There are no applicable CFC chillers/coolers onsite.
EQT 1-2 EQT 7-24 EQT 76-80 All Natural Gas Burning Equipment	Emission Standards for Sulfur Dioxide Continuous Emissions Monitoring [LAC 33:III.1511.A] Emissions Standards for Sulfur Dioxide Recordkeeping and Reporting [LAC 33:III.1513]	EXEMPT. Units emit less than 250 tons of SO ₂ per year. Record and retain at the site for at least 2 years the data required to demonstrate compliance with or exemption from SO ₂ standards of Chapter 15. Compliance data shall be reported annually in accordance with LAC 33:III.918.
EQT 1-2 EQT 76-80 All Boilers	NSPS Subpart D - Standards of Performance for Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced After August 17, 1971 [40 CFR 60.40]	DOES NOT APPLY. Units have not been reconstructed or modified since August 17, 1971.
EQT 25-26 Fuel Oil Storage Tanks	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Unit has not been reconstructed or modified since June 11, 1973; liquid stored is not a "petroleum liquid" as defined in 40 CFR 60.111

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ID No:	Requirement	Notes
EQT 81-83 Carbonation Tanks	NSPS Subpart K – Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commences after June 11, 1973 and Prior to May 19, 1978. [40 CFR 60.110]	DOES NOT APPLY. Carbonation tanks do not contain petroleum products.
EQT 52 Diesel Storage Tank	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984.
EQT 74 Phosphoric Acid Tank EQT 75 Aqua Ammonia Tank	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984. [40 CFR 60.110b]	DOES NOT APPLY. Storage tanks were constructed prior to July 23, 1984, and do not store volatile organic liquids.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT 29-31, 38-44, 47-49 & 61 Rotoclones	Louisiana Policy for Wet Scrubbers	EXEMPT. The rotoclones have a pressure switch interlock to allow the operation of the unit. When sufficient pressure indicates that the minimum flow is present, the interlock allows the sugar dust flow to be processed. Currently there is no visible or electronic signal to monitor or record. If the system is ever modified, the equipment will need to comply with the requirements of this policy.

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
 - I. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];

40 CFR PART 70 GENERAL CONDITIONS

2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
 3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and
 4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.
[Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
1. the date, place as defined in the permit, and time of sampling or measurements;
 2. the date(s) analyses were performed;
 3. the company or entity that performed the analyses;
 4. the analytical techniques or methods used;
 5. the results of such analyses; and
 6. the operating conditions as existing at the time of sampling or measurement.
- [Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]
- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of

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attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Surveillance Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]

- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]
- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
 1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
 4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;

40 CFR PART 70 GENERAL CONDITIONS

5. changes in emissions would not qualify as a significant modification; and
 6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]
- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Surveillance Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
 - a. Report by June 30 to cover January through March
 - b. Report by September 30 to cover April through June
 - c. Report by December 31 to cover July through September
 - d. Report by March 31 to cover October through December
 4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]
- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]

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- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
 2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
 3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
 4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
 5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
 6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]
- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.
- The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]
- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated October 15, 1996, along with supplemental information dated March 6, 1997, July 14, 1999, August 3, 1999, and August 8, 2005.
- IV. This permit shall become invalid, for the sources not constructed, if:
 - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.

This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.
- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.
- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Surveillance Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Surveillance Division with a written report as specified below.
- A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I Chapter 39.
 - B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
 - C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
 1. Report by June 30 to cover January through March
 2. Report by September 30 to cover April through June
 3. Report by December 31 to cover July through September

**LOUISIANA AIR EMISSION PERMIT
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4. Report by March 31 to cover October through December
- D. Each report submitted in accordance with this condition shall contain the following information:
 1. Description of noncomplying emission(s);
 2. Cause of noncompliance;
 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.

- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
 - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
 - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
 - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.

- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.

- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.

XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.

XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:

1. Generally be less than 5 TPY
2. Be less than the minimum emission rate (MER)
3. Be scheduled daily, weekly, monthly, etc., or
4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 1329 American Sugar Refining Inc

Activity Number: PER199960001

Permit Number: 2500-00009-V0

Air - Title V Regular Permit Initial

Also Known As:	ID	Name	User Group	Start Date
LAO4974	ADV#	American Sugar Refining Inc	Asbestos	01-21-2003
2500-00009		American Sugar Refining Inc	CDS Number	08-05-2002
2500-0002			Emission Inventory	03-03-2004
13-366163		Federal Tax ID	Federal Tax ID	11-21-1999
LAD008162364		American Sugar Refining Inc	Hazardous Waste Notification	03-19-1991
LA0005665		WPC File Number	LPDES Permit #	05-22-2003
WP4000		WPC State Permit Number	LWDPS Permit #	06-25-2003
LA-3663-L01		Radioactive Material License	Radiation License Number	11-14-2000
		Radiation General License	Radiation License Number	11-28-2001
GD-087-1018		SW ID#	Solid Waste Facility No.	04-30-2001
76282		Amstar Sugar Corp	TEMPO Merge	03-25-2003
70032MSTRS7417N		TRI #	Toxic Release Inventory	07-08-2004
		Domino Sugar	Water Permitting	05-27-1993
			Main Phone:	5042715331
Physical Location:				
		7417 N Peters St		
		Arabi, LA 70032		
Mailing Address:				
		7417 N Peters St		
		Arabi, LA 70032		
Related People:				
		Name	Mailing Address	Relationship
		Fred Goodrow	7417 N Peters Rd Arabi, LA 70032	5042715331 (WP)
		Fred Goodrow	7417 N Peters Rd Arabi, LA 70032	5042715331 (WP)
		Fred Goodrow	7417 N Peters Rd Arabi, LA 70032	5042715331 (WP)
		Fred Goodrow	7417 N Peters Rd Arabi, LA 70032	5042715331 (WP)
		Peter Mariaia	7417 N Peters St Arabi, LA 70032	5042715331 (WP)
		John Taibot	7417 N Peters St Arabi, LA 70032	5042785150 (WF)
		John Taibot	7417 N Peters St Arabi, LA 70032	jmtaibot@iasrc.com
		John Taibot	7417 N Peters St Arabi, LA 70032	
Related Organizations:				
		Name	Address	Relationship
		American Sugar Refining Inc	1 Federal St Yonkers, NY 10705	Owns
		American Sugar Refining Inc	1 Federal St Yonkers, NY 10705	Air Billing Party for
		American Sugar Refining Inc	1 Federal St Yonkers, NY 10705	Water Billing Party for
SIC Codes:				
			2062, Cane sugar refining	

General Information

AI ID: 1329 American Sugar Refining Inc
Activity Number: PER19960001
Permit Number: 2500-00009-V0
Air - Title V Regular Permit Initial

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit.
Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER19960001
 Permit Number: 2500-00009-V0
 Air - Title V Regular Permit Initial

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
EQT001	001-74 - #7 Boiler			151.3 MM BTU/hr		8760 hr/yr (All Year)
EQT002	002-74 - #1 Boiler			78.2 MM BTU/hr		8760 hr/yr (All Year)
EQT007	005-74-A - Char Kiln North (Klin 6)			1.7 MM BTU/hr		8760 hr/yr (All Year)
EQT008	005-74-B - Char Kiln North (Klin 7)			1.7 MM BTU/hr		8760 hr/yr (All Year)
EQT009	005-74C - Char Kiln North (Klin 8)			1.7 MM BTU/hr		8760 hr/yr (All Year)
EQT010	005-74D - Char Kiln North (Klin 13)			1.7 MM BTU/hr		8760 hr/yr (All Year)
EQT011	005-74E - Char Kiln North (Klin 14)			1.7 MM BTU/hr		8760 hr/yr (All Year)
EQT012	005-74F - Char Kiln North (Klin 15)			1.7 MM BTU/hr		8760 hr/yr (All Year)
EQT013	006-74A - Char Kiln South (Klin 16)			1.7 MM BTU/hr		8760 hr/yr (All Year)
EQT014	006-74B - Char Kiln South (Klin 17)			1.7 MM BTU/hr		8760 hr/yr (All Year)
EQT015	006-74C - Char Kiln South (Klin 18)			1.7 MM BTU/hr		8760 hr/yr (All Year)
EQT016	006-74D - Char Kiln South (Klin 22)			1.7 MM BTU/hr		8760 hr/yr (All Year)
EQT017	006-74E - Char Kiln South (Klin 23)			1.7 MM BTU/hr		8760 hr/yr (All Year)
EQT018	006-74F - Char Kiln South (Klin 24)			1.7 MM BTU/hr		8760 hr/yr (All Year)
EQT019	006-74G - Char Kiln South (Klin 33)			1.7 MM BTU/hr		8760 hr/yr (All Year)
EQT020	006-74H - Char Kiln South (Klin 34)			1.7 MM BTU/hr		8760 hr/yr (All Year)
EQT021	006-74I - Char Kiln South (Klin 35)			1.7 MM BTU/hr		8760 hr/yr (All Year)
EQT022	006-74J - Char Kiln South (Klin 36)			1.7 MM BTU/hr		8760 hr/yr (All Year)
EQT023	006-74K - Char Kiln South (Klin 37)			1.7 MM BTU/hr		8760 hr/yr (All Year)
EQT024	006-74L - Char Kiln South (Klin 38)			1.7 MM BTU/hr		8760 hr/yr (All Year)
EQT025	007-74 - Fuel Oil Storage Tank North	15022 bbl		600 tons/hr		8760 hr/yr (All Year)
EQT026	008-74 - Fuel Oil Storage Tank South	15000 bbl		400 tons/hr		8760 hr/yr (All Year)
EQT029	010-74 - Silo Rotoclone		320 tons/hr			8760 hr/yr (All Year)
EQT030	010A-74 - Auxiliary Silo Rotoclone			400 tons/hr		8760 hr/yr (All Year)
EQT031	011-74 - Aeration Bin Rotoclone			400 tons/hr		8760 hr/yr (All Year)
EQT032	012-74 - Starch Delivery Exhaust			400 tons/hr		8760 hr/yr (All Year)
EQT033	013-74 - #1 Micro Mill Exhaust			2.5 tons/hr		8760 hr/yr (All Year)
EQT034	014-74 - #2 Micro Mill Exhaust			2.5 tons/hr		8760 hr/yr (All Year)
EQT035	015-74 - #3 Micro Mill Exhaust			2.5 tons/hr		8760 hr/yr (All Year)
EQT036	016-74 - #4 ACM Mill Exhaust			1.25 tons/hr		8760 hr/yr (All Year)
EQT037	017-74 - #5 ACM Mill Exhaust			1.25 tons/hr		8760 hr/yr (All Year)
EQT038	021-74 - #1 Granulator Rotoclone			25 tons/hr		8760 hr/yr (All Year)
EQT039	022-74 - #2 Granulator Rotoclone			25 tons/hr		8760 hr/yr (All Year)
EQT040	023-74 - #3 Granulator Rotoclone			25 tons/hr		8760 hr/yr (All Year)
EQT041	024-74 - #4 Granulator Rotoclone			25 tons/hr		8760 hr/yr (All Year)
EQT042	025-75 - #5 Granulator Rotoclone			25 tons/hr		8760 hr/yr (All Year)
EQT043	026-74 - Brilliant Granulator Rotoclone			25 tons/hr		8760 hr/yr (All Year)

INVENTORIES

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER19960001
 Permit Number: 2500-00009-V0
 Air - Title V Regular Permit Initial

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
EQT044	027-74 - DE-1B Elevator Rotoclane		150 tons/hr		8760 hr/yr (All Year)	
EQT045	028-74 - Char Dust Collector #1		3.99 tons/hr		8760 hr/yr (All Year)	
EQT046	029-74 - Char Dust Collector #2		14.4 tons/hr		8760 hr/yr (All Year)	
EQT047	030-81 - 3rd Floor P.C. Rotoclane		712 tons/hr		8760 hr/yr (All Year)	
EQT048	031-81 - East AC Room Rotoclane		90 tons/hr		8760 hr/yr (All Year)	
EQT049	032-81 - West AC Room Rotoclane		235 tons/hr		8760 hr/yr (All Year)	
EQT050	033-81 - A Set Cyclone Separator		4.86 tons/hr		8760 hr/yr (All Year)	
EQT051	034-81 - Bag Starch Filter Exhaust		459 lb/hr		8760 hr/yr (All Year)	
EQT052	035-81 - Diesel Storage Tank	10000 gallons			8760 hr/yr (All Year)	
EQT053	037-81 - Liquid Sugar Carbon Scrubber		.02 tons/hr		(None Specified)	
EQT054	038-87 - #6 ACM Mill Exhaust - 6x		3.5 tons/hr		8760 hr/yr (All Year)	
EQT055	040-87 - Malt Dextrin Delivery Exhaust		495 lb/hr		8760 hr/yr (All Year)	
EQT056	041-89 - Wet Scrubber for Dyer No. 1 (DWS-1)		108 gallons/min		8760 hr/yr (All Year)	
EQT057	042-89 - Wet Scrubber for Dyer No. 2 (DWS-2)		108 gallons/min		8760 hr/yr (All Year)	
EQT058	043-89 - Wet Scrubber for Cooler (CWS-3)		98 gallons/min		8760 hr/yr (All Year)	
EQT059	044-89 - Wet Scrubber for Nuisance Dust Collector (WSS-4)		68 gallons/min		8760 hr/yr (All Year)	
EQT060	045-89 - Beater Rotoclane (BR-1)		1.5 gallons/min		8760 hr/yr (All Year)	
EQT061	046-89 - SE PC Rotoclane		270 tons/hr		8760 hr/yr (All Year)	
EQT072	057-95 - Hydrochloric Acid Tank (Water Plant)	4000 gallons			8760 hr/yr (All Year)	
EQT073	058-95 - Hydrochloric Acid Tank (Liquid Sugar)	4000 gallons			8760 hr/yr (All Year)	
EQT074	059-95 - Phosphoric Acid Tank	1000 gallons			8760 hr/yr (All Year)	
EQT075	060-95 - Aqua Ammonia Tank	1000 gallons			8760 hr/yr (All Year)	
EQT076	003-74-1- High Pressure Boiler 1		56.9 MM BTU/hr		8760 hr/yr (All Year)	
EQT077	003-74-2 - High Pressure Boiler 2		56.9 MM BTU/hr		8760 hr/yr (All Year)	
EQT078	003-74-3 - High Pressure Boiler 3		56.9 MM BTU/hr		8760 hr/yr (All Year)	
EQT079	003-74-4 - High Pressure Boiler 4		56.9 MM BTU/hr		8760 hr/yr (All Year)	
EQT080	003-74-5 - High Pressure Boiler 5		56.9 MM BTU/hr		8760 hr/yr (All Year)	
EQT081	003-74-4 - Tank 304 A		4000 ft ³ /min		8760 hr/yr (All Year)	
EQT082	003-74-B - Tank 304 B		4000 ft ³ /min		8760 hr/yr (All Year)	
EQT083	003-74-C - Tank 305		3000 ft ³ /min		8760 hr/yr (All Year)	
EQT084	039-87 - #6 ACM Mill Exhaust - s&m		3.5 tons/hr		8760 hr/yr (All Year)	
FUG001	061-95 - Fugitive Emissions (Bone Char Conveyor and Elevation)				8760 hr/yr (All Year)	
RLP005	005-74 - Char Kiln North (Common Stack)				8760 hr/yr (All Year)	
RLP006	006-74 - Char Kiln South (Common Stack)				8760 hr/yr (All Year)	
RLP007	003-74 - High Pressure Boilers				8760 hr/yr (All Year)	

INVENTORIES

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER19960001
 Permit Number: 2500-00009-V0
 Air - Title V Regular Permit Initial

Subject Item Groups:

ID	Description	Included Components (from Above)
GRP001	Entire Facility	EQT1 001-74 - #7 Boiler
GRP001	Entire Facility	EQT2 002-74 - #1 Boiler
GRP001	Entire Facility	EQT7 005-74-A - Char Kiln North (Kiln 6)
GRP001	Entire Facility	EQT8 005-74-B - Char Kiln North (Kiln 7)
GRP001	Entire Facility	EQT9 005-74C - Char Kiln North (Kiln 8)
GRP001	Entire Facility	EQT10 005-74D - Char Kiln North (Kiln 13)
GRP001	Entire Facility	EQT11 005-74E - Char Kiln North (Kiln 14)
GRP001	Entire Facility	EQT12 005-74F - Char Kiln North (Kiln 15)
GRP001	Entire Facility	EQT13 006-74A - Char Kiln South (Kiln 16)
GRP001	Entire Facility	EQT14 006-74B - Char Kiln South (Kiln 17)
GRP001	Entire Facility	EQT15 006-74C - Char Kiln South (Kiln 18)
GRP001	Entire Facility	EQT16 006-74D - Char Kiln South (Kiln 22)
GRP001	Entire Facility	EQT17 006-74E - Char Kiln South (Kiln 23)
GRP001	Entire Facility	EQT18 006-74F - Char Kiln South (Kiln 24)
GRP001	Entire Facility	EQT19 006-74G - Char Kiln South (Kiln 33)
GRP001	Entire Facility	EQT20 006-74H - Char Kiln South (Kiln 34)
GRP001	Entire Facility	EQT21 006-74I - Char Kiln South (Kiln 35)
GRP001	Entire Facility	EQT22 006-74J - Char Kiln South (Kiln 36)
GRP001	Entire Facility	EQT23 006-74K - Char Kiln South (Kiln 37)
GRP001	Entire Facility	EQT24 006-74L - Char Kiln South (Kiln 38)
GRP001	Entire Facility	EQT25 007-74 - Fuel Oil Storage Tank North
GRP001	Entire Facility	EQT26 008-74 - Fuel Oil Storage Tank South
GRP001	Entire Facility	EQT29 010-74 - Silo Rotoclone
GRP001	Entire Facility	EQT30 010A-74 - Auxiliary Silo Rotoclone
GRP001	Entire Facility	EQT31 011-74 - Aeration Bin Rotoclone
GRP001	Entire Facility	EQT32 012-74 - Starch Delivery Exhaust
GRP001	Entire Facility	EQT33 013-74 - #1 Micro Mill Exhaust
GRP001	Entire Facility	EQT34 014-74 - #2 Micro Mill Exhaust
GRP001	Entire Facility	EQT35 015-74 - #3 Micro Mill Exhaust
GRP001	Entire Facility	EQT36 016-74 - #4 ACM Mill Exhaust
GRP001	Entire Facility	EQT37 017-74 - #5 ACM Mill Exhaust
GRP001	Entire Facility	EQT38 021-74 - #1 Granulator Rotoclone
GRP001	Entire Facility	EQT39 022-74 - #2 Granulator Rotoclone
GRP001	Entire Facility	EQT40 023-74 - #3 Granulator Rotoclone
GRP001	Entire Facility	EQT41 024-74 - #4 Granulator Rotoclone
GRP001	Entire Facility	EQT42 025-75 - #5 Granulator Rotoclone
GRP001	Entire Facility	EQT43 026-74 - Brilliant Granulator Rotoclone

INVENTORIES

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER1996001
 Permit Number: 2500-00009-V0
 Air - Title V Regular Permit Initial

Subject Item Groups:

ID	Description	Included Components (from Above)
GRP001	Entire Facility	EQT44 027-74 - DE-1B Elevator Rotoclone
GRP001	Entire Facility	EQT45 028-74 - Char Dust Collector #1
GRP001	Entire Facility	EQT46 029-74 - Char Dust Collector #2
GRP001	Entire Facility	EQT47 030-81 - 3rd Floor P.C. Rotoclone
GRP001	Entire Facility	EQT48 031-81 - East AC Room Rotoclone
GRP001	Entire Facility	EQT49 032-81 - West AC Room Rotoclone
GRP001	Entire Facility	EQT50 033-81 - A Set Cyclone Separator
GRP001	Entire Facility	EQT51 034-81 - Bag Starch Filter Exhaust
GRP001	Entire Facility	EQT52 035-81 - Diesel Storage Tank
GRP001	Entire Facility	EQT53 037-81 - Liquid Sugar/Carbon Scrubber
GRP001	Entire Facility	EQT54 038-87 - #6 ACM Mill Exhaust - 6x
GRP001	Entire Facility	EQT55 040-87 - Malto Dextrin Delivery Exhaust
GRP001	Entire Facility	EQT56 041-89 - Wet Scrubber for Dryer No. 1 (DWS-1)
GRP001	Entire Facility	EQT57 042-89 - Wet Scrubber for Dryer No. 2 (DWS-2)
GRP001	Entire Facility	EQT58 043-89 - Wet Scrubber for Cooler (CWS-3)
GRP001	Entire Facility	EQT59 044-89 - Wet Scrubber for Nuisance Dust Collector (WS-4)
GRP001	Entire Facility	EQT60 045-89 - Beater Rotoclone (BR-1)
GRP001	Entire Facility	EQT61 046-89 - SIE PC Rotoclone
GRP001	Entire Facility	EQT72 057-95 - Hydrochloric Acid Tank (Water Plant)
GRP001	Entire Facility	EQT73 058-95 - Hydrochloric Acid Tank (Liquid Sugar)
GRP001	Entire Facility	EQT74 059-95 - Phosphoric Acid Tank
GRP001	Entire Facility	EQT75 060-95 - Aqua Ammonia Tank
GRP001	Entire Facility	EQT76 003-74-1 - High Pressure Boiler 1
GRP001	Entire Facility	EQT77 003-74-2 - High Pressure Boiler 2
GRP001	Entire Facility	EQT78 003-74-3 - High Pressure Boiler 3
GRP001	Entire Facility	EQT79 003-74-4 - High Pressure Boiler 4
GRP001	Entire Facility	EQT80 003-74-5 - High Pressure Boiler 5
GRP001	Entire Facility	EQT81 003-74-A - Tank 304 A
GRP001	Entire Facility	EQT82 003-74-B - Tank 304 B
GRP001	Entire Facility	EQT83 003-74-C - Tank 305
GRP001	Entire Facility	EQT84 039-87 - #6 ACM Mill Exhaust - 3&#m
GRP001	Entire Facility	FUG1 061-95 - Fugitive Emissions (Bone Char Conveyor and Elevator)
GRP001	Entire Facility	RLP5 005-74 - Char Kiln North (Common Slack)
GRP001	Entire Facility	RLP6 006-74 - Char Kiln South (Common Slack)
GRP001	Entire Facility	RLP7 003-74 - High Pressure Boilers

Relationships:

INVENTORIES

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER1996001
 Permit Number: 2500-00009-V0
 Air - Title V Regular Permit Initial

Relationships:

Subject Item	Relationship	Subject Item
EQT7 005-74-A - Char Kiln North (Klin 6)	Vents to	RLP5 005-74 - Char Kiln North (Common Stack)
EOT8 005-74-B - Char Kiln North (Klin 7)	Vents to	RLP5 005-74 - Char Kiln North (Common Stack)
EQT9 005-74C - Char Kiln North (Klin 8)	Vents to	RLP5 005-74 - Char Kiln North (Common Stack)
EQT10 005-74D - Char Kiln North (Klin 13)	Vents to	RLP5 005-74 - Char Kiln North (Common Stack)
EQT11 005-74E - Char Kiln North (Klin 14)	Vents to	RLP5 005-74 - Char Kiln North (Common Stack)
EQT12 005-74F - Char Kiln North (Klin 15)	Vents to	RLP5 005-74 - Char Kiln North (Common Stack)
EQT13 006-74A - Char Kiln South (Klin 16)	Vents to	RLP6 006-74 - Char Kiln South (Common Stack)
EQT14 006-74B - Char Kiln South (Klin 17)	Vents to	RLP6 006-74 - Char Kiln South (Common Stack)
EQT15 006-74C - Char Kiln South (Klin 18)	Vents to	RLP6 006-74 - Char Kiln South (Common Stack)
EQT16 006-74D - Char Kiln South (Klin 22)	Vents to	RLP6 006-74 - Char Kiln South (Common Stack)
EQT17 006-74E - Char Kiln South (Klin 23)	Vents to	RLP6 006-74 - Char Kiln South (Common Stack)
EQT18 006-74F - Char Kiln South (Klin 24)	Vents to	RLP6 006-74 - Char Kiln South (Common Stack)
EQT19 006-74G - Char Kiln South (Klin 33)	Vents to	RLP6 006-74 - Char Kiln South (Common Stack)
EQT20 006-74H - Char Kiln South (Klin 34)	Vents to	RLP6 006-74 - Char Kiln South (Common Stack)
EQT21 006-74I - Char Kiln South (Klin 35)	Vents to	RLP6 006-74 - Char Kiln South (Common Stack)
EQT22 006-74J - Char Kiln South (Klin 36)	Vents to	RLP6 006-74 - Char Kiln South (Common Stack)
EQT23 006-74K - Char Kiln South (Klin 37)	Vents to	RLP6 006-74 - Char Kiln South (Common Stack)
EQT24 006-74L - Char Kiln South (Klin 38)	Vents to	RLP6 006-74 - Char Kiln South (Common Stack)
EQT76 003-74-1 - High Pressure Boiler 1	Vents to	RLP7 003-74 - High Pressure Boilers
EQT77 003-74-2 - High Pressure Boiler 2	Vents to	RLP7 003-74 - High Pressure Boilers
EQT78 003-74-3 - High Pressure Boiler 3	Vents to	RLP7 003-74 - High Pressure Boilers
EQT79 003-74-4 - High Pressure Boiler 4	Vents to	RLP7 003-74 - High Pressure Boilers
EOT80 003-74-5 - High Pressure Boiler 5	Vents to	RLP7 003-74 - High Pressure Boilers
RPL7 003-74 - High Pressure Boilers	Supplier	EQT81 003-74-A - Tank 304 A
RPL7 003-74 - High Pressure Boilers	Supplier	EQT82 003-74-B - Tank 304 B
RPL7 003-74 - High Pressure Boilers	Supplier	EQT83 003-74-C - Tank 305

Stack Information:

ID	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
EQT001	35.2	60602	5	108	284	
EQT002	33.87	24483	4	110.2	381	
EQT007	5.93	18629	8.5	205.4	159	
EQT008	5.93	18629	8.5	205.4	159	
EQT009	5.93	18629	8.5	205.4	159	
EQT010	5.93	18629	8.5	205.4	159	
EQT011	5.93	18629	8.5	205.4	159	
EQT012	5.93	18629	8.5	205.4	159	
EQT013	14.22	44703	8.5	205.4	176	

INVENTORIES

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER19960001
 Permit Number: 2500-00009-V0
 Air - Title V Regular Permit Initial

Stack Information:

ID	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
EQT014 006-74B - Char Kiln South (Kiln 17)	14.22	44703	8.5		205.4	176
EQT015 006-74C - Char Kiln South (Kiln 18)	14.22	44703	8.5		205.4	176
EQT016 006-74D - Char Kiln South (Kiln 22)	14.22	44703	8.5		205.4	176
EQT017 006-74E - Char Kiln South (Kiln 23)	14.22	44703	8.5		205.4	176
EQT018 006-74F - Char Kiln South (Kiln 24)	14.22	44703	8.5		205.4	176
EQT019 006-74G - Char Kiln South (Kiln 33)	5.93	18629	8.5		205.4	159
EQT020 006-74H - Char Kiln South (Kiln 34)	5.93	18629	8.5		205.4	159
EQT021 006-74I - Char Kiln South (Kiln 35)	5.93	18629	8.5		205.4	159
EQT022 006-74J - Char Kiln South (Kiln 36)	5.93	18629	8.5		205.4	159
EQT023 006-74K - Char Kiln South (Kiln 37)	5.93	18629	8.5		205.4	159
EQT024 006-74L - Char Kiln South (Kiln 38)	5.93	18629	8.5		205.4	159
EQT025 007-74 - Fuel Oil Storage Tank North			.05		35.64	
EQT026 008-74 - Fuel Oil Storage Tank South			.05		35.64	
EQT029 010-74 - Silo Rotoclone		10200			113	101
EQT030 010A-74 - Auxiliary Silo Rotoclone	68	5700	1.33		154.8	105
EQT031 011-74 - Aeration Bin Rotoclone	80	6440	1.7		112.7	97
EQT032 012-74 - Starch Delivery Exhaust	65	377	.35		76.8	118
EQT033 013-74 - #1 Micro Mill Exhaust	40	1464	.97		69.7	120
EQT034 014-74 - #2 Micro Mill Exhaust	40	1464	.97		69.7	120
EQT035 015-74 - #3 Micro Mill Exhaust	40	1464	.97		69.7	120
EQT036 016-74 - #4 ACM Mill Exhaust	40	1434	.66		61.7	120
EQT037 017-74 - #5 ACM Mill Exhaust	40	1434	.66		61.7	120
EQT038 021-74 - #1 Granulator Rotoclone	81.5	22175	2.3		25.6	108
EQT039 022-74 - #2 Granulator Rotoclone	81.5	22175	2.3		25.8	108
EQT040 023-74 - #3 Granulator Rotoclone	81.5	22175	2.3		25.6	108
EQT041 024-74 - #4 Granulator Rotoclone	81.5	22174	2.3		25.7	108
EQT042 025-75 - #5 Granulator Rotoclone	81.5	22175	2.3		25.3	108
EQT043 026-74 - Brilliant Granulator Rotoclone	97	8728	1.6		25.1	93
EQT044 027-74 - DE-1B Elevator Rotoclone	42	1385	.83		139	93
EQT045 028-74 - Char Dust Collector #1	10.37	1914	2.9		189	75
EQT046 029-74 - Char Dust Collector #2	10.37	1914	2		189	75
EQT047 030-81 - 3rd Floor P.C. Rotoclone	82	11800	2.3		55.8	93
EQT048 031-81 - East AC Room Rotoclone	54	7400	1.7		49.2	93
EQT049 032-81 - West AC Room Rotoclone	35	4300	1.3		38	93
EQT050 033-81 - A Set Cyclone Separator	13	615	.5		146	90
EQT051 034-81 - Bag Starch Filter Exhaust	14	900	1.1		66	90
EQT052 035-81 - Diesel Storage Tank			.25		1	
EQT053 037-81 - Liquid Sugar/Carbon Scrubber	25	1200	1		49	100
EQT054 038-87 - #6 ACM Mill Exhaust - 6x	123	4000	.83		85	125
EQT055 040-87 - Malto Dextrin Delivery Exhaust	48.4	570	.5		85	118
EQT056 041-89 - Wet Scrubber for Dyer No. 1 (DWS-1)	52.38	13400	2.33		51.33	180
EQT057 042-89 - Wet Scrubber for Dyer No. 2 (DWS-2)	46.69	11945	2.33		51.33	180

INVENTORIES

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER19960001
 Permit Number: 2500-00009-V0
 Air - Title V Regular Permit Initial

Stack Information:

ID	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
EQT058 043-89 - Wet Scrubber for Cooler (CWS-3)	50.81	13000	2.33		51.33	150
EQT059 044-89 - Wet Scrubber for Nuisance Dust Collector (WS-4)	45.09	8500	2		52.08	95
EQT060 045-89 - Bealer Rotoclone (BR-1)	47.16	5000	1.5		66.33	110
EQT061 046-89 - S/E PC Rotoclone	56.3	7400	1.67		56	93
EQT072 057-95 - Hydrochloric Acid Tank (Water Plant)			2.5		1	
EQT073 058-95 - Hydrochloric Acid Tank (Liquid Sugar)			2.5		1	
EQT074 059-95 - Phosphoric Acid Tank			.25		16	
EQT075 060-95 - Aqua Ammonia Tank			.25		16	
EQT076 003-74-1 - High Pressure Boiler 1						
EQT077 003-74-2 - High Pressure Boiler 2						
EQT078 003-74-3 - High Pressure Boiler 3						
EQT079 003-74-4 - High Pressure Boiler 4						
EQT080 003-74-5 - High Pressure Boiler 5						
EQT081 003-74-A - Tank 304 A	212	4000	2		57.6	180
EQT082 003-74-B - Tank 304 B	212	4000	2		57.6	180
EQT083 003-74-C - Tank 305	21.2	4000	2		57.6	180
EQT084 039-87 - #6 ACM Mill Exhaust - s&m	123	4000	.83		.85	125
RLP005 005-74 - Char Kiln North (Common Slack)	5.93	18629	8.5		205.4	159
RLP006 006-74 - Char Kiln South (Common Slack)	14.22	44713	8.5		2052.4	176
RLP007 003-74 - High Pressure Boilers	4.42	29666	11.97		225.4	300

Fee Information:

Subj Item Id	Multiplier	Units Of Measure	Fee Desc
GRP001	263	1,000 Lb/Hr	0130 - Cane Sugar Refining (Rated Capacity)

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER19960001
 Permit Number: 2500-00009-V0
 Air - Title V Regular Permit Initial

All phases

Subject Item	PM ₁₀			SO ₂			NOx			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 001 001-74	1.02	1.02	4.45	0.09	0.09	0.4	23.94	23.94	104.9	1.18	1.18	5.2	0.82	0.82	3.6
EQT 002 002-74	0.52	0.52	2.29	0.05	0.05	0.2	9.8	9.8	42.9	1.15	1.15	5.0	0.42	0.42	1.8
EQT 007 005-74-A	0.027	0.027	0.12	0.0014	0.006	0.0014	0.137	0.137	0.6	0.427	0.427	1.87	0.015	0.015	0.067
EQT 008 005-74-B	0.027	0.027	0.12	0.0014	0.006	0.0014	0.137	0.137	0.6	0.427	0.427	1.87	0.015	0.015	0.067
EQT 009 005-74-C	0.027	0.027	0.12	0.0014	0.006	0.0014	0.137	0.137	0.6	0.427	0.427	1.87	0.015	0.015	0.067
EQT 010 005-74-D	0.027	0.027	0.12	0.0014	0.006	0.0014	0.137	0.137	0.6	0.427	0.427	1.87	0.015	0.015	0.067
EQT 011 005-74-E	0.027	0.027	0.12	0.0014	0.006	0.0014	0.137	0.137	0.6	0.427	0.427	1.87	0.015	0.015	0.067
EQT 012 005-74-F	0.027	0.027	0.12	0.0014	0.006	0.0014	0.137	0.137	0.6	0.427	0.427	1.87	0.015	0.015	0.067
EQT 013 006-74-A	0.027	0.027	0.12	0.0014	0.006	0.0014	0.137	0.137	0.6	0.427	0.427	1.87	0.015	0.015	0.067
EQT 014 006-74-B	0.027	0.027	0.12	0.0014	0.006	0.0014	0.137	0.137	0.6	0.427	0.427	1.87	0.015	0.015	0.067
EQT 015 006-74-C	0.027	0.027	0.12	0.0014	0.006	0.0014	0.137	0.137	0.6	0.427	0.427	1.87	0.015	0.015	0.067
EQT 016 006-74-D	0.027	0.027	0.12	0.0014	0.006	0.0014	0.137	0.137	0.6	0.427	0.427	1.87	0.015	0.015	0.067
EQT 017 006-74-E	0.027	0.027	0.12	0.0014	0.006	0.0014	0.137	0.137	0.6	0.427	0.427	1.87	0.015	0.015	0.067
EQT 018 006-74-F	0.027	0.027	0.12	0.0014	0.006	0.0014	0.137	0.137	0.6	0.427	0.427	1.87	0.015	0.015	0.067
EQT 019 006-74-G	0.027	0.027	0.12	0.0014	0.006	0.0014	0.137	0.137	0.6	0.427	0.427	1.87	0.015	0.015	0.067
EQT 020 006-74-H	0.027	0.027	0.12	0.0014	0.006	0.0014	0.137	0.137	0.6	0.427	0.427	1.87	0.015	0.015	0.067
EQT 021 006-74-I	0.027	0.027	0.12	0.0014	0.006	0.0014	0.137	0.137	0.6	0.427	0.427	1.87	0.015	0.015	0.067
EQT 022 006-74-J	0.027	0.027	0.12	0.0014	0.006	0.0014	0.137	0.137	0.6	0.427	0.427	1.87	0.015	0.015	0.067

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER19960001
 Permit Number: 2500-00009-V0
 Air - Title V Regular Permit Initial

All phases

PM ₁₀		SO ₂		NO _x		CO		VOC	
Subject Item	Avg Ibs/hr	Max Ibs/hr	Tons/Year	Avg Ibs/hr	Max Ibs/hr	Tons/Year	Avg Ibs/hr	Max Ibs/hr	Tons/Year
EQT 023 006-74K	0.027	0.027	0.12	0.0014	0.006	0.0014	0.137	0.6	0.427
EQT 024 006-74L	0.027	0.027	0.12	0.0014	0.006	0.0014	0.137	0.6	0.427
EQT 025 007-74									
EQT 026 008-74									
EQT 029 010-74	4.14	4.14	18.13						
EQT 030 010A-74	2.61	2.61	11.43						
EQT 031 011-74	2.31	2.31	10.13						
EQT 032 012-74	0.09	0.09	0.39						
EQT 033 013-74	0.50	0.50	2.17						
EQT 034 014-74	0.50	0.50	2.17						
EQT 035 015-74	0.50	0.50	2.17						
EQT 036 016-74	0.50	0.50	2.17						
EQT 037 017-74	0.50	0.50	2.17						
EQT 038 021-74	2.73	2.73	11.94						
EQT 039 022-74	2.73	2.73	11.94						
EQT 040 023-74	2.73	2.73	11.94						
EQT 041 024-74	2.73	2.73	11.94						
EQT 042 025-74	2.73	2.73	11.94						

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER19960001
 Permit Number: 2500-00009-V0
 Air - Title V Regular Permit Initial

All phases

Subject Item	PM ₁₀			SO ₂			NO _x			CO			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 043 026-74	1.07	1.07	4.69												
EQT 044 027-74	0.56	0.56	2.44												
EQT 045 028-74	2.16	2.16	9.46												
EQT 046 029-74	2.16	2.16	9.46												
EQT 047 030-81	4.79	4.79	20.97												
EQT 048 031-81	3.00	3.00	13.13												
EQT 049 032-81	1.75	1.75	7.65												
EQT 050 033-81	0.25	0.25	1.10												
EQT 051 034-81	0.14	0.14	0.63												
EQT 052 035-81													0.0005	0.0005	0.002
EQT 053 037-81	0.20	0.20	0.87												
EQT 054 038-87	1.36	1.36	5.95												
EQT 055 040-87	0.09	0.09	0.39												
EQT 056 041-89	0.54	0.54	2.37												
EQT 057 042-89	0.49	0.49	2.13												
EQT 058 043-89	0.53	0.53	2.33												
EQT 059 044-89	0.34	0.34	1.50												
EQT 060 045-89	2.03	2.03	8.87												

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 1329 - American Sugar Refining Inc
 Activity Number: PER19960001
 Permit Number: 2500-00009-V0
 Air - Title V Regular Permit Initial

All phases

Subject Item	PM ₁₀		SO ₂		NO _x		CO		VOC			
	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 061 046-89	3.00	3.00	13.13									
EQT 076 003-74-1	0.29	0.29	1.28	0.026	0.026	0.11	3.08	3.08	13.5	2.52	2.52	11.07
EQT 077 003-74-2	0.29	0.29	1.28	0.026	0.026	0.11	3.08	3.08	13.5	2.52	2.52	11.07
EQT 078 003-74-3	0.29	0.29	1.28	0.026	0.026	0.11	3.08	3.08	13.5	2.52	2.52	11.07
EQT 079 003-74-4	0.29	0.29	1.28	0.026	0.026	0.11	3.08	3.08	13.5	2.52	2.52	11.07
EQT 080 003-74-5	0.29	0.29	1.28	0.026	0.026	0.11	3.08	3.08	13.5	2.52	2.52	11.07
EQT 081 003-74-A	0.02	0.02	0.08	0.001	0.001	0.006	0.006	0.12	0.12	0.5	0.01	0.01
EQT 082 003-74-B	0.02	0.02	0.08	0.001	0.001	0.006	0.006	0.12	0.12	0.5	0.01	0.01
EQT 083 003-74-C	0.02	0.02	0.08	0.001	0.001	0.006	0.006	0.12	0.12	0.5	0.01	0.01
EQT 084 039-87	1.36	1.36	5.95									
FUG 001 061-95	0.68	0.68	3.00									

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Phase Totals:

PM10: 242.19 tons/yr
 SO2: 1.19 tons/yr
 NOx: 227.6 tons/yr
 CO: 99.33 tons/yr
 VOC: 12.01 tons/yr

Emission rates Notes:

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

All ID: 1329 - American Sugar Refining Inc

Activity Number: PER19960001

Permit Number: 2500-00009-V0

Air - Title V Regular Permit Initial

All phases

Ammonia			Hydrochloric acid		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr
EQT 072 057-95				0.0001	0.001
EQT 073 058-95				0.0001	0.0001
EQT 075 060-95	0.01	0.01	0.04		

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Parameter Totals:

Ammonia: 0.04 tons/yr

Hydrochloric acid: 0.006 tons/yr

Emission Rates Notes:

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
Activity Number: PER19960001
Permit Number: 2500-00009-V0
Air - Title V Regular Permit Initial

EQT001 001-74 - #7 Boiler

- 1 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
- 2 Which Months: All Year Statistical Basis: None specified
Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 3 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]

Which Months: All Year Statistical Basis: None specified

- 4 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 5 Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.501.C.6]
- 6 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. [LAC 33:III.501.C.6]
- 7 Conduct a performance/emissions test: Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources, and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:III.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]

EQT002 002-74 - #1 Boiler

- 8 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
- 9 Which Months: All Year Statistical Basis: None specified
Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 10 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
- 11 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]
- 12 Submit notification: Due at least 30 days prior to performance/emissions test to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services, to provide the opportunity to conduct a pretest meeting and observe the emission testing. [LAC 33:III.501.C.6]
- 13 Submit report: Due within 60 days after performance/emissions test. Submit emissions test results to the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
Activity Number: PER19960001
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EQT002 002-74 - #1 Boiler

- 14 Conduct a performance/emissions test. Due within 180 days after initial startup (or restart-up after modification), or within 60 days after achieving normal production rate or end of the shutdown period, whichever is earliest. The stack test's purpose is to demonstrate compliance with the emission limits of this permit. Test methods and procedures shall be in accordance with New Source Performance Standards, 40 CFR 60, Appendix A, Method 7E - Determination of Nitrogen Oxides Emissions from Stationary Sources, and Method 10 - Determination of Carbon Monoxide Emissions from Stationary Sources. Use alternate stack test methods only with the prior approval of the Office of Environmental Assessment, Environmental Technology Division, Engineering Services. As required by LAC 33:II.913, provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits. [LAC 33:III.501.C.6]

EQT007 005-74-A - Char Kiln North (Klin 6)

- 15 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
- 16 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT008 005-74-B - Char Kiln North (Klin 7)

- 17 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
- 18 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT009 005-74C - Char Kiln North (Klin 8)

- 19 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
- 20 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT010 005-74D - Char Kiln North (Klin 13)

- 21 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
- 22 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT011 005-74E - Char Kiln North (Klin 14)

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
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EQT011 005-74E - Char Kiln North (Kiln 14)

- 23 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
24 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT012 005-74F - Char Kiln North (Kiln 15)

- 25 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
26 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT013 006-74A - Char Kiln South (Kiln 16)

- 27 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
28 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT014 006-74B - Char Kiln South (Kiln 17)

- 29 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
30 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT015 006-74C - Char Kiln South (Kiln 18)

- 31 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
32 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT016 006-74D - Char Kiln South (Kiln 22)

- 33 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
Activity Number: PER19960001
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EQT016 006-74D - Char Kiln South (Kiln 22)

34 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT017 006-74E - Char Kiln South (Kiln 23)

35 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
36 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT018 006-74F - Char Kiln South (Kiln 24)

37 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
38 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT019 006-74G - Char Kiln South (Kiln 33)

39 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
40 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT020 006-74H - Char Kiln South (Kiln 34)

41 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
42 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT021 006-74I - Char Kiln South (Kiln 35)

43 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc

Activity Number: PER19960001

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EQT021 006-741 - Char Kiln South (Kiln 35)

44 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT022 006-741 - Char Kiln South (Kiln 36)

45 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
46 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT023 006-741 - Char Kiln South (Kiln 37)

47 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
48 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT024 006-741 - Char Kiln South (Kiln 38)

49 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.1313.C]
Which Months: All Year Statistical Basis: None specified
50 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT029 010-74 - Silo Rotoclone

51 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
52 Total suspended particulate <= 63.7 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified

EQT030 010A-74 - Auxillary Silo Rotoclone

53 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
54 Total suspended particulate <= 71.2 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified

EQT031 011-74 - Aeration Bin Rotoclone

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
Activity Number: PER19960001
Permit Number: 2500-00009-V0
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EQT031 011-74 - Aeration Bin Rotoclone

- 55 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33.III.1305.1-7. [LAC 33.III.1305]
- 56 Total suspended particulate <= 66.3 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33.III.1311.B]
Which Months: All Year Statistical Basis: None specified

EQT032 012-74 - Starch Delivery Exhaust

- 57 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33.III.1305.1-7. [LAC 33.III.1305]
- 58 Total suspended particulate <= 0.62 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33.III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 59 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33.III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 60 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33.III.501.C.6]
- 61 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33.III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 62 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33.III.501.C.6]
- 63 Particulate matter (10 microns or less) >= 99 % removal efficiency. [LAC 33.III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQT033 013-74 - #1 Micro Mill Exhaust

- 64 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33.III.1305.1-7. [LAC 33.III.1305]
- 65 Total suspended particulate <= 2.43 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33.III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 66 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33.III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 67 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33.III.501.C.6]
- 68 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33.III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 69 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33.III.501.C.6]
- 70 Particulate matter (10 microns or less) >= 99 % removal efficiency. [LAC 33.III.501.C.6]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
Activity Number: PER19960001
Permit Number: 2500-00009-V0
Air - Title V Regular Permit Initial

EQT034 014-74 - #2 Micro Mill Exhaust

- 71 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 72 Total suspended particulate <= 2.43 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
- Which Months: All Year Statistical Basis: None specified
- 73 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: None specified
- 74 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 75 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: None specified
- 76 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 77 Particulate matter (10 microns or less) >= 99 % removal efficiency. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: None specified

EQT035 015-74 - #3 Micro Mill Exhaust

- 78 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 79 Total suspended particulate <= 2.43 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
- Which Months: All Year Statistical Basis: None specified
- 80 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: None specified
- 81 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 82 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: None specified
- 83 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 84 Particulate matter (10 microns or less) >= 99 % removal efficiency. [LAC 33:III.501.C.6]
- Which Months: All Year Statistical Basis: None specified

EQT036 016-74 - #4 ACM Mill Exhaust

- 85 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 86 Total suspended particulate <= 2.43 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
- Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
Activity Number: PER19960001
Permit Number: 2500-0009-V0
Air - Title V Regular Permit Initial

EQT036 016-74 - #4 ACM Mill Exhaust

- 87 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 88 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 89 Filter elements(bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 90 Filter elements(bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 91 Particulate matter (10 microns or less) >= 99 % removal efficiency. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQT037 017-74 - #5 ACM Mill Exhaust

- 92 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 93 Total suspended particulate <= 2.43 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 94 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 95 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 96 Filter elements(bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 97 Filter elements(bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 98 Particulate matter (10 microns or less) >= 99 % removal efficiency. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQT038 021-74 - #1 Granulator Rotoclone

- 99 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 100 Total suspended particulate <= 35.4 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified

EQT039 022-74 - #2 Granulator Rotoclone

- 101 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
Activity Number: PER19960001
Permit Number: 2500-00009-V0
Air - Title V Regular Permit Initial

EQT039 022-74 - #2 Granulator Rotoclone

- 102 Total suspended particulate <= 35.4 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified

EQT040 023-74 - #3 Granulator Rotoclone

- 103 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 104 Total suspended particulate <= 35.4 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified

EQT041 024-74 - #4 Granulator Rotoclone

- 105 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 106 Total suspended particulate <= 35.4 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified

EQT042 025-75 - #5 Granulator Rotoclone

- 107 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 108 Total suspended particulate <= 35.4 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified

EQT043 026-74 - Brilliant Granulator Rotoclone

- 109 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 110 Total suspended particulate <= 35.4 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified

EQT044 027-74 - DE-1B Elevator Rotoclone

- 111 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 112 Total suspended particulate <= 55.4 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified

EQT045 028-74 - Char Dust Collector #1

- 113 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc

Activity Number: PER19960001
Permit Number: 2500-00009-V0
Air - Title V Regular Permit Initial

EQT045 028-74 - Char Dust Collector #1

- 114 Total suspended particulate <= 6.52 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 115 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 116 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 117 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 118 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 119 Particulate matter (10 microns or less) >= 90 % removal efficiency. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQT046 029-74 - Char Dust Collector #2

- 120 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
Which Months: All Year Statistical Basis: None specified
- 121 Total suspended particulate <= 6.52 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 122 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 123 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 124 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 125 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 126 Particulate matter (10 microns or less) >= 90 % removal efficiency. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQT047 030-81 - 3rd Floor P.C. Rotocline

- 127 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
Which Months: All Year Statistical Basis: None specified
- 128 Total suspended particulate <= 73.3 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified

EQT048 031-81 - East AC Room Rotocline

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
Activity Number: PER19960001
Permit Number: 2500-00009-V0
Air - Title V Regular Permit Initial

EQT048 031-81 - East AC Room Rotoclone

- 129 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 130 Total suspended particulate <= 50.2 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified

EQT049 032-81 - West AC Room Rotoclone

- 131 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 132 Total suspended particulate <= 60.3 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified

EQT050 033-81 - A Set Cyclone Separator

- 133 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 134 Total suspended particulate <= 1.53 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 135 Cyclone vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 136 Cyclone vents: Visible emissions recordkeeping by electronic or hard copy daily. [LAC 33:III.501.C.6]
- 137 Cyclone vents: Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary.
Perform maintenance as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 138 Cyclone vents: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 139 Particulate matter (10 microns or less) >= 80 % removal efficiency. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQT051 034-81 - Bag Starch Filter Exhaust

- 140 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 141 Total suspended particulate <= 1.09 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 142 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 143 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
Activity Number: PER19960001
Permit Number: 2500-00009.V0
Air - Title V Regular Permit Initial

EQT051 034-81 - Bag Starch Filter Exhaust

- 144 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None Specified
- 145 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 146 Particulate matter (10 microns or less) \geq 99.85 % removal efficiency. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None Specified

EQT054 038-87 - #6 ACM Mill Exhaust - 6x

- 147 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 148 Total suspended particulate \leq 4.78 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None Specified
- 149 Filler vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None Specified
- 150 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 151 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None Specified
- 152 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 153 Particulate matter (10 microns or less) \geq 99 % removal efficiency. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None Specified

EQT055 040-87 - Malto Dextrin Delivery Exhaust

- 154 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
- 155 Total suspended particulate \leq 0.81 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None Specified
- 156 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None Specified
- 157 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 158 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None Specified
- 159 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc

Activity Number: PER19960001

Permit Number: 2500-00009-Y0

Air - Title V Regular Permit Initial

EQT055 040-87 - Maltodextrin Delivery Exhaust

- 160 Particulate matter (10 microns or less) \geq 99 % removal efficiency. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQT056 041-89 - Wet Scrubber for Dryer No. 1 (DWS-1)

- 161 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
162 Total suspended particulate \leq 12 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
163 Flow rate monitored by flow rate monitoring device once every four hours. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
164 Flow rate recordkeeping by electronic or hard copy once every four hours. [LAC 33:III.501.C.6]
165 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]
166 Flow rate \geq 108 gallons/min. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQT057 042-89 - Wet Scrubber for Dryer No. 2 (DWS-2)

- 167 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
168 Total suspended particulate \leq 12 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
169 Flow rate monitored by flow rate monitoring device once every four hours. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
170 Flow rate recordkeeping by electronic or hard copy once every four hours. [LAC 33:III.501.C.6]
171 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]
172 Flow rate \geq 108 gallons/min. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQT058 043-89 - Wet Scrubber for Cooler (CWS-3)

- 173 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
174 Total suspended particulate \leq 12 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
175 Flow rate monitored by flow rate monitoring device once every four hours. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
176 Flow rate recordkeeping by electronic or hard copy once every four hours. [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
Activity Number: PER19960001
Permit Number: 2500-00009-V0
Air - Title V Regular Permit Initial

EQT058 043-89 - Wet Scrubber for Cooler (CWS-3)

- 177 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]
178 Flow rate >= 98 gallons/min. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQT059 044-89 - Wet Scrubber for Nuisance Dust Collector (WS-4)

- 179 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
180 Total suspended particulate <= 12 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
181 Flow rate monitored by flow rate monitoring device once every four hours. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
182 Flow rate recordkeeping by electronic or hard copy once every four hours. [LAC 33:III.501.C.6]
183 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]
184 Flow rate >= 68 gallons/min. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQT060 045-89 - Beater Rotoclone (BR-1)

- 185 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
186 Total suspended particulate <= 12 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
187 Flow rate monitored by flow rate monitoring device once every four hours. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
188 Flow rate recordkeeping by electronic or hard copy once every four hours. [LAC 33:III.501.C.6]
189 Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]
190 Flow rate >= 1.5 gallons/min. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

EQT061 046-89 - S/E PC Rotoclone

- 191 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]
192 Total suspended particulate <= 57.6 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified

EQT076 003-74-1- High Pressure Boiler 1

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
Activity Number: PER19960001
Permit Number: 2500-00009-Y0
Air - Title V Regular Permit Initial

EQT076 003-74-1 - High Pressure Boiler 1

- 193 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.13(3.C)]
Which Months: All Year Statistical Basis: None specified
194 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT077 003-74-2 - High Pressure Boiler 2

- 195 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.13(3.C)]
Which Months: All Year Statistical Basis: None specified
196 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT078 003-74-3 - High Pressure Boiler 3

- 197 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.13(3.C)]
Which Months: All Year Statistical Basis: None specified
198 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT079 003-74-4 - High Pressure Boiler 4

- 199 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.13(3.C)]
Which Months: All Year Statistical Basis: None specified
200 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT080 003-74-5 - High Pressure Boiler 5

- 201 Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). [LAC 33:III.13(3.C)]
Which Months: All Year Statistical Basis: None specified
202 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT084 039-87 - #6 ACM Mill Exhaust - s&m

- 203 Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.1-7. [LAC 33:III.1305]

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
Activity Number: PER19960001
Permit Number: 2500-00009-V0
Air - Title V Regular Permit Initial

EQT084 039-87 - #6 ACM Mill Exhaust - s&m

- 204 Total suspended particulate <= 4.78 lb/hr. The rate of emission shall be the total of all emission points from the source. [LAC 33:III.1311.B]
Which Months: All Year Statistical Basis: None specified
- 205 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
- 206 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- 207 Filter elements (bags): Equipment/operational data monitored by technically sound method once every six months or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
- 208 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
- GRP001 Entire Facility**
- 209 Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1103]
- 210 Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1303.B]
- 211 Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance. [LAC 33:III.21.9]
- 212 Carbon monoxide <= 99.33 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 213 Nitrogen oxides <= 227.6 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 214 Particulate matter (10 microns or less) <= 242.19 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 215 Sulfur dioxide <= 1.19 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 216 VOC, Total <= 12.01 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 217 Ammonia <= 0.04 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 218 Hydrochloric acid <= 0.006 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum
- 219 Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency: Due within 30 days after requested by the administrative authority. [LAC 33:III.5611.A]
- 220 During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations. [LAC 33:III.5611.B]

SPECIFIC REQUIREMENTS

AI ID: 1329 - American Sugar Refining Inc
Activity Number: PER19960001
Permit Number: 2500-00009-V0
Air - Title V Regular Permit Initial

GRP001 Entire Facility

221 Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.130, Table 59.0 of LAC 33:III.5907, or Table 59.1 of LAC 33:III.5913 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur. [LAC 33:III.5907]

222 Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Environmental Evaluation Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.91.9 A-D [LAC 33:III.91.9 D]

223 Report the unauthorized discharge of any air pollutant into the atmosphere in accordance with LAC 33:1:Chapter 39, Notification Regulations and Procedures for Unauthorized Discharges. Submit written reports to the department pursuant to LAC 33:1.3925. Submit timely and appropriate follow-up reports detailing methods and procedures to be used to prevent similar atmospheric releases. [LAC 33:III.927]

224 Submit Title V permit application for renewal: Due 180 calendar days before permit expiration date. [40 CFR 70.5(a)(1)(iv)]

225 Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iv)(A)]

226 Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iv)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [40 CFR 70.6(a)(3)(iv)(B)]

227 Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]

RLP005 005-74 - Char Kiln North (Common Stack)

228 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

RLP006 006-74 - Char Kiln South (Common Stack)

229 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

RLP007 003-74 - High Pressure Boilers

230 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified